

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004439

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A24B15/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A24B A24C A24D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 129 408 A (JAKOB ET AL) 14 July 1992 (1992-07-14) column 8, line 67 - column 9, line 5 column 12, line 39 - line 40 example 3 claims 1,3,8	1,31-79
X	GB 1 444 721 A (ROTHMANS INTERNATIONAL LTD) 4 August 1976 (1976-08-04) page 4, line 19; claims 6,7; figure 1	1-30, 71-79
X	US 4 625 737 A (KERITSIS ET AL) 2 December 1986 (1986-12-02) claims 1-3	1-30, 71-76, 78,79

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

28 January 2005

Date of mailing of the international search report

08/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Pille, S

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004439

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 332 368 A2 (PHILIP MORRIS PRODUCTS INC) 13 September 1989 (1989-09-13) example 7	1,31-76, 79
X	US 3 968 804 A (KELLY ET AL) 13 July 1976 (1976-07-13) column 4, line 4 - line 16	1,31-76, 78,79
A	US 4 989 620 A (KERITSIS ET AL) 5 February 1991 (1991-02-05) column 11, line 12 - line 32	1-79

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/004439

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5129408	A	14-07-1992	CA 2026539 A1 CN 1050491 A ,C EP 0419975 A2 HU 57562 A2 JP 3180166 A SU 1829919 A3	30-03-1991 10-04-1991 03-04-1991 30-12-1991 06-08-1991 23-07-1993
GB 1444721	A	04-08-1976	NONE	
US 4625737	A	02-12-1986	US 4510950 A AU 586238 B2 AU 5613486 A BR 8601707 A CA 1255568 A1 CN 86102651 A ,B EP 0198718 A2 ES 8800015 A1 US 4989620 A AU 565056 B2 AU 2294283 A BR 8307668 A CA 1213432 A1 DE 3381427 D1 EP 0113595 A2 US 4874000 A WO 8402636 A1	16-04-1985 06-07-1989 23-10-1986 16-12-1986 13-06-1989 04-02-1987 22-10-1986 01-01-1988 05-02-1991 03-09-1987 05-07-1984 11-12-1984 04-11-1986 17-05-1990 18-07-1984 17-10-1989 19-07-1984
EP 0332368	A2	13-09-1989	US 4936920 A AT 106680 T AU 3115989 A BR 8901105 A CA 1331945 C CN 1037074 A ,C DE 68915823 D1 DE 68915823 T2 ES 2055787 T3 JP 2009364 A PH 25412 A	26-06-1990 15-06-1994 14-09-1989 31-10-1989 13-09-1994 15-11-1989 14-07-1994 08-12-1994 01-09-1994 12-01-1990 01-07-1991
US 3968804	A	13-07-1976	BE 828503 A1 CA 1015630 A1 CH 595779 A5 DE 2515496 A1 DK 218975 A GB 1455098 A JP 1171035 C JP 50148598 A JP 58004543 B NL 7502382 A ,B, SE 7503145 A ZA 7501253 A	18-08-1975 16-08-1977 28-02-1978 04-12-1975 21-11-1975 10-11-1976 17-10-1983 28-11-1975 26-01-1983 24-11-1975 21-11-1975 28-01-1976
US 4989620	A	05-02-1991	US 4874000 A US 4510950 A US 4625737 A US 4632131 A AU 614975 B2 AU 1918088 A	17-10-1989 16-04-1985 02-12-1986 30-12-1986 19-09-1991 19-01-1989

INTERNATIONAL SEARCH REPORT

information on patent family members

PCT/GB2004/004439

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4989620	A	EP 0299803 A2	18-01-1989
		AU 565056 B2	03-09-1987
		AU 2294283 A	05-07-1984
		BR 8307668 A	11-12-1984
		CA 1213432 A1	04-11-1986
		DE 3381427 D1	17-05-1990
		EP 0113595 A2	18-07-1984
		WO 8402636 A1	19-07-1984
		AU 577871 B2	06-10-1988
		AU 4455885 A	09-01-1986
		BR 8506813 A	25-11-1986
		CA 1247970 A1	03-01-1989
		CN 85105843 A , B	28-01-1987
		DE 3577269 D1	31-05-1990
		EP 0167370 A2	08-01-1986
		ES 8702123 A1	16-03-1987
		WO 8600504 A1	30-01-1986
		AU 586238 B2	06-07-1989
		AU 5613486 A	23-10-1986
		BR 8601707 A	16-12-1986
		CA 1255568 A1	13-06-1989
		CN 86102651 A , B	04-02-1987
		EP 0198718 A2	22-10-1986
		ES 8800015 A1	01-01-1988